

| | | | | | |
|---|-----|-----|-----|-----|-----|
| 9 | 18 | 27 | 36 | 45 | 54 |
| GCG TCG CTG CTC CCA CTC TGT CTC GTC GCT GCG CAC CTG GCG GGG | | | | | |
| A S L P L C L C V V A A H L A G | | | | | |
| 63 | 72 | 81 | 90 | 99 | 108 |
| GCC CGA GAC ACC CCC ACC GAG CCA ATG GCG ACT GCA CTG GGC CTG GAA | | | | | |
| A R D A T P T E E P M A T A L G L E | | | | | |
| 117 | 126 | 135 | 144 | 153 | 162 |
| AGA CGG TCC GTG TAC ACC GGC CAG CCC TCA CCA GCC CTG GAG GAC TGG GAA GAG | | | | | |
| R R S V Y T G Q P S P A L E D W E E | | | | | |
| 171 | 180 | 189 | 198 | 207 | 216 |
| GCC AGC GAG TGG ACG TCC TGG TTC AAC GTG GAC CAC CCC GGA GGC GAC TGG GAA GAG | | | | | |
| A S E W T S W F N V D H P G G D G D | | | | | |
| 225 | 234 | 243 | 252 | 261 | 270 |
| TTC GAG AGC CTG GCT GCC ATC CGC TTC TAC TAC GGG CCA GGC GAC GGC GAC | | | | | |
| F E S L A A I R F Y Y G P A R V C P | | | | | |
| 279 | 288 | 297 | 306 | 315 | 324 |
| CGA CCG CTG GCG CTG GAG GCG CGC ACC ACG GAC TGG GCC CTG CCG TGC CCG | | | | | |
| R P L A L E A R T T D W A L P S A V | | | | | |
| 333 | 342 | 351 | 360 | 369 | 378 |

FIGURE 1A

| | | | | | |
|-------------------------------------|---|-----|-----|-----|-----|
| 387 | GGC GAG CGC GTG CAC TTG AAC CCC ACG CGC TGC TGC TGG TGC AAC CGC GAG | 405 | 414 | 423 | 432 |
| G E R V H L N P T R G F W C L N R E | | | | | |
| 441 | CGT CGC CGC CGC CGC TGC AAC TAC CAC GTG CGC TTC CGC TGC CCA CTA | 450 | 459 | 468 | 477 |
| Q P R G R C S N Y H V R F R C P L | | | | | |
| 495 | GCC TCG TGG GGC GCG TGG GGC CCG TCG GGT CCC TGC TCG GGG AGC TGT GGG | 504 | 513 | 522 | 531 |
| E A S W G A W G P W G P C S G S C G | | | | | |
| 549 | GGC CGT CGC TTG CGC CGC CGC CAC TGC CCA AGC CCC GCT GGG GAT GCG TGT | 558 | 567 | 576 | 585 |
| P G R R L R R H C P S P A G D A C | | | | | |
| 603 | GGG CGT CCT CTG GAG GCG CAG AAG TGC GTG CGG CCT CGG TGT CCA GGG TGC | 612 | 621 | 630 | 639 |
| P G R P L E A Q K C V R P R C P G C | | | | | |
| 657 | CTT GAC ACC TGT GAA TGC CCG GAC CAC ATC CTC CTG GGC TCG GTG GTC ACC | 666 | 675 | 684 | 693 |
| S L D T C E C P D H I L L G S V V T | | | | | |
| 711 | TCT GGG CAA CCA CTC CTA GGA GCC AGG GTC TCC CTG CGA GAC CAG CCT GGC | 720 | 729 | 738 | 747 |
| P S G Q P L L G A R V S L R D Q P G | | | | | |

FIGURE 1B

1920. The first meeting of the new Board of Education was held on January 15, 1920.

| | | | | | |
|------|------|------|------|------|------|
| 765 | 774 | 783 | 792 | 801 | 810 |
| ACT | GTG | GCC | ACC | AGC | GAT |
| T | V | A | T | S | D |
| V | A | H | G | T | F |
| A | T | A | N | R | A |
| CAC | AGC | CGC | GCC | AAC | ATC |
| D | S | R | A | N | I |
| 819 | 828 | 837 | 846 | 855 | 864 |
| GAC | AGC | CGC | GCC | CAG | ATG |
| D | S | R | A | Q | M |
| 873 | 882 | 891 | 900 | 909 | 918 |
| CAG | GCC | CAG | GCC | AAC | TCC |
| Q | A | Q | A | N | G |
| 927 | 936 | 945 | 954 | 963 | 972 |
| GAG | AAG | CCG | TAC | CTG | GTG |
| E | K | P | Y | L | V |
| 981 | 990 | 999 | 1008 | 1017 | 1026 |
| AAT | GTG | ACT | TTC | TGC | TGC |
| N | V | T | F | C | C |
| 1035 | 1044 | 1053 | 1062 | 1071 | 1080 |
| TGG | TTC | CAC | AAT | GGG | ACC |
| W | F | H | N | G | T |
| 1089 | 1098 | 1107 | 1116 | 1125 | 1134 |
| CTG | GAG | CTS | CGG | CGA | CTG |
| L | E | I | G | I | Y |

FIGURE 1C

| | | | | | | | | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 1143 | TGG | AAT | GAG | GCG | GGT | GCC | GTG | CGC | TCG | GGC | ACT | GCC | CGG | CTC | ACT | GTA | CTT | GCC |
| W | N | E | A | G | A | V | R | S | G | T | A | R | L | T | V | L | A | |
| 1197 | CCA | GGC | CAG | CCA | GCC | TGC | GAC | CCC | CGG | CCC | CGA | GAG | TAC | CTG | ATC | AAG | CTC | CCT |
| P | G | Q | P | A | C | D | P | R | P | R | E | Y | L | I | K | L | P | |
| 1251 | GAG | GAC | TGT | GGT | CAG | CCA | GGT | AGT | GGT | CCT | GGC | CCT | TAC | CTG | GAT | GTG | GGC | CTC |
| E | D | C | G | Q | P | G | S | G | P | A | Y | L | D | V | G | L | C | TGT |
| 1305 | CCC | GAC | ACC | CGC | TGC | CCC | AGC | CTG | GCA | GCC | TCC | AGC | CCC | CGC | TGC | GGG | GAC | GCC |
| P | D | T | R | C | P | S | L | A | G | S | S | P | R | C | G | D | A | |
| 1359 | AGC | TCC | CGC | TGC | TGC | TCT | GTG | CGC | CGT | CTG | GAG | AGA | AGG | GAG | ATT | CAC | TGC | CCT |
| S | S | R | C | C | S | V | R | R | L | E | R | R | E | I | H | C | P | |
| 1413 | GGC | TAC | GTC | CTC | CCA | GTG | AAG | GTG | GCA | GAG | TGT | GGC | TGC | CAG | AAG | TGT | CTG | |
| G | Y | V | L | P | V | K | V | V | A | E | C | G | C | Q | K | C | L | |
| 1467 | CCC | CCT | CGG | GGG | CTG | GTC | CGG | GGC | CGT | GTC | GCT | GCT | GAC | TCC | GGG | GAG | CCG | |
| P | P | R | G | L | V | R | G | R | V | V | A | A | D | S | G | E | P | |
| 1152 | 1161 | 1161 | 1161 | 1161 | 1161 | 1161 | 1161 | 1161 | 1161 | 1161 | 1161 | 1161 | 1161 | 1161 | 1161 | 1161 | 1161 | 1161 |
| 1170 | 1170 | 1170 | 1170 | 1170 | 1170 | 1170 | 1170 | 1170 | 1170 | 1170 | 1170 | 1170 | 1170 | 1170 | 1170 | 1170 | 1170 | 1170 |
| 1179 | 1179 | 1179 | 1179 | 1179 | 1179 | 1179 | 1179 | 1179 | 1179 | 1179 | 1179 | 1179 | 1179 | 1179 | 1179 | 1179 | 1179 | 1179 |
| 1188 | 1188 | 1188 | 1188 | 1188 | 1188 | 1188 | 1188 | 1188 | 1188 | 1188 | 1188 | 1188 | 1188 | 1188 | 1188 | 1188 | 1188 | 1188 |

FIGURE 1D

the first time in the history of the world, the *whole* of the human race, in all its parts, has been brought together, and is now in a condition to act as one man.

| | | | | | |
|---|-------------------------------------|------|------|------|------|
| 1521 | 1530 | 1539 | 1548 | 1557 | 1566 |
| CTA CGC TTC GCC ACG ATT CTC CGC CAG GAG CCC ATC CGC TTC ACC GCC TAC | L R F A R I L L G Q E P I G F T A Y | | | | |
| 1575 | 1584 | 1593 | 1602 | 1611 | 1620 |
| CAG CGC GAC TTT ACC ATT GAG GTG CCG CCC TCC ACC CAG CGG CTG GTG ACT | Q G D F T I E V P P S T Q R L V V T | | | | |
| 1629 | 1638 | 1647 | 1656 | 1665 | 1674 |
| TTT GTG GAC CCC AGC GGT GAG TTC ATG GAC GCT GTC CGG GTC CCT TTG CCT TTT GAT | F V D P S G E F M D A V R V L P F D | | | | |
| 1683 | 1692 | 1701 | 1710 | 1719 | 1728 |
| CCT CGA GGT GCC GGC GTG TAC CAC GAG GTC AAG GCC ATG CGG AAG AAA GCC CCG | P R G A G V Y H E V K A M R K A P | | | | |
| 1737 | 1746 | 1755 | 1764 | 1773 | 1782 |
| GTC ATT TTA CAT ACC AGC CAG AGC AAC ACG ATC CCC CTG GGC GAG CTG GAA GAT | V I L H T S Q S N T I P L G E L E D | | | | |
| 1791 | 1800 | 1809 | 1818 | 1827 | 1836 |
| GAG GCG CCC CTG GGC GAG CTG GTC CCT TCT GGC GCT TTC CGC AGA GCC GAC | E A P L G E L V L P S G A F R R A D | | | | |
| 1845 | 1854 | 1863 | 1872 | 1881 | 1890 |
| GGC AAA CCC TAC TCG GGG CCT GTG GAG GCC CGG GTG ACG TTC GTG GAC CCC CGA | G K P V S G P V F T A R V D P R | | | | |

FIGURE 1E

| | | | | | |
|---|------|------|------|------|------|
| 1899 | 1908 | 1917 | 1926 | 1935 | 1944 |
| GAC CTC ACC TCG GCG GCG TCT GCC CCC AGT GAC CTC CGC TTC GTC GAC AGC GAC | | | | | |
| D L T S A A S A P S D L R F V D S D | | | | | |
| 1953 1962 1971 1980 1989 1998 | | | | | |
| GCC GAG CTG GCT CCA CTG CGC ACC TAC GGC ATG TTC TCC GTG GAC CTC CGT GCG | | | | | |
| G E L A P L R T Y G M F S V D L R A | | | | | |
| 2007 2016 2025 2034 2043 2052 | | | | | |
| CCC GGC TCC GCG GAG CAG CTG CAG GTG CCG GTG GCC CGG GTG CGG GCC GCC | | | | | |
| P G S A E Q L Q V G P V A V R V A A | | | | | |
| 2061 2070 2079 2088 2097 2106 | | | | | |
| AGC CAG ATC CAC ATG CCA GGC CAC GTG GAG GCC CTC AAG CTG TGG TCG AAC | | | | | |
| S Q I H M P G H V E A L K L W S L N | | | | | |
| 2115 2124 2133 2142 2151 2160 | | | | | |
| CCC GAG ACC GGC TTG TGG GAG GAG AGC GGC TTC CGC GAG GGG TCC TCG | | | | | |
| P E T G L W E E S G F R R E G S S | | | | | |
| 2169 2178 2187 2196 2205 2214 | | | | | |
| GCC CCC CGG GTG CGG CGG GAG GAG GTC TTC CTC GTG GAG AAC GTG GAG ATC | | | | | |
| G P R V R R E R V F L V G N V E I | | | | | |
| 2223 2232 2241 2250 2259 2268 | | | | | |
| CGG GAG CGG CGC CTG TTC AAT CTG GAC GTG CCT GAG CGC CGC CGC TGC TTC GTG | | | | | |
| R E R R L F N L D V P E R R C F V | | | | | |

FIGURE 1F

| | | | | | |
|---|------|------|------|------|------|
| 2277 | 2286 | 2295 | 2304 | 2313 | 2322 |
| AAG GTG CGC GCC TAC GCC AAC GAC AAG TTC ACC CCC AGC GAG CAG GTG GAG GGC | | | | | |
| K V R A Y A N D K F T P S E Q V E G | | | | | |
| 2331 | 2340 | 2349 | 2358 | 2367 | 2376 |
| GTG GTC ACG CTG GTC AAT CTG GAG CCC GCC CCC GGC TCC TCC GCC AAC CCC | | | | | |
| V V V T L V N L E P A P G F S A N P | | | | | |
| 2385 | 2394 | 2403 | 2412 | 2421 | 2430 |
| CGT GCC TGG GGC CGC CGC TTT GAC AGC GCG GTC ACC GGC CCC AAT GGC GCC TGC CTC | | | | | |
| R A W G R F D S A V T G P N G A C L | | | | | |
| 2439 | 2448 | 2457 | 2466 | 2475 | 2484 |
| CCC GCC TTC TGC GAC GAC AGG CCA GAC GCC TAC ACC GCC CCT TCC TGT CCC CGC CCA CTC CGG | | | | | |
| P A F C D A D R P D A Y T A L V T A | | | | | |
| 2493 | 2502 | 2511 | 2520 | 2529 | 2538 |
| ACC CTG GGC GGC GAG GAG CTC GAG CCG GCC CCT TCC TGT CCC CGC CCA CTC CGG | | | | | |
| T L G G E E L E P A P S L P R P L P | | | | | |
| 2547 | 2556 | 2565 | 2574 | 2583 | 2592 |
| GCC ACC GTG GGC GTC ACC CAG CCC TAC CTG GAC AGG CTG GGG TAC CGT CGG ACG | | | | | |
| A T V G V T Q P Y L D R L G Y R R T | | | | | |
| 2601 | 2610 | 2619 | 2628 | 2637 | 2646 |
| GAC CAC GAC GAT CCC GCC TTC AAG CGT AAC GGC TTC CGC ATC AAC CTC GCC AAG | | | | | |
| D H D D P A F K R N G F R I N L A K | | | | | |

FIGURE 1G

| | | | | | | | | | | | | | | | | | | |
|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|
| 2655 | CCC | AGG | CCA | GGT | GAC | CCC | GCC | GAG | GGC | AAT | GGG | CCT | GTG | TAC | CCG | TGG | CGC | AGC |
| | P | R | P | G | D | P | A | E | A | N | G | P | V | Y | P | W | R | S |
| 2709 | | 2718 | | 2727 | | 2736 | | 2745 | | 2754 | | | | | | | | |
| | CTG | CGG | GAA | TGC | CAG | GGG | GCC | CCG | GTG | ACT | GCC | AGC | CAC | TTC | CGC | TTC | GCC | AGG |
| | L | R | E | C | Q | G | A | P | V | T | A | S | H | F | R | F | A | R |
| 2763 | | 2772 | | 2781 | | 2790 | | 2799 | | 2808 | | | | | | | | |
| | G | TG | GAG | GGG | GAC | AAG | TAC | GAG | TAC | AAC | GTG | GTC | CCC | TTC | CGA | GAG | GGC | ACA |
| | V | E | A | D | K | Y | E | Y | N | V | V | P | F | R | E | G | T | P |
| 2817 | | 2826 | | 2835 | | 2844 | | 2853 | | 2862 | | | | | | | | |
| | GCC | TCC | TGG | ACT | GCC | GAT | CTC | CTG | GCC | TGG | TGG | CCC | AAC | CCG | CAG | GAG | TTC | CGG |
| | A | S | W | T | G | D | L | L | A | W | W | P | N | P | Q | E | F | R |
| 2871 | | 2880 | | 2889 | | 2898 | | 2907 | | 2916 | | | | | | | | |
| | GCC | TGC | TTC | CTC | AAG | GTG | AAG | ATC | CAG | GGT | CCC | CAG | GAG | TAT | ATG | GTC | CGC | TCC |
| | A | C | F | L | K | V | K | I | Q | G | P | Q | E | Y | M | V | R | S |
| 2925 | | 2934 | | 2943 | | 2952 | | 2961 | | 2970 | | | | | | | | |
| | CAC | AAC | GCA | GGG | GGC | AGC | CAC | CCA | CCG | ACC | CCG | GGC | CAG | CTC | TAC | GGA | CTT | CGG |
| | H | N | A | G | G | S | H | P | R | T | R | G | Q | L | Y | G | L | R |
| 2979 | | 2988 | | 2997 | | 3006 | | 3015 | | 3024 | | | | | | | | |
| | GAT | GCC | CGG | AGT | GTG | CGA | GAC | CCC | GAG | CGT | CCG | GGC | ACC | TCG | GCA | GCC | TGC | GTG |
| | D | A | R | S | V | R | D | P | E | R | P | G | T | S | A | A | C | V |

FIGURE 1H

| | | | | | | | | | | | | | | | | | | | | |
|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|---|------|
| 3033 | GAG | TTC | AAG | TGC | AGC | GGG | ATG | CTG | TTC | GAC | CAG | CGG | CAG | GTG | GAC | AGC | ACG | CTG | | 3078 |
| | E | F | K | C | S | G | M | L | F | D | Q | R | Q | V | D | R | T | L | | |
| 3042 | | | | | | | | | | | | | | | | | | | | 3069 |
| 3051 | | | | | | | | | | | | | | | | | | | | 3060 |
| 3087 | | | | | | | | | | | | | | | | | | | | 3132 |
| 3096 | | | | | | | | | | | | | | | | | | | | 3123 |
| 3105 | | | | | | | | | | | | | | | | | | | | 3114 |
| 3114 | | | | | | | | | | | | | | | | | | | | 3123 |
| 3141 | | | | | | | | | | | | | | | | | | | | 3159 |
| 3150 | | | | | | | | | | | | | | | | | | | | 3168 |
| 3195 | | | | | | | | | | | | | | | | | | | | 3204 |
| 3204 | | | | | | | | | | | | | | | | | | | | 3213 |
| 3249 | | | | | | | | | | | | | | | | | | | | 3258 |
| 3258 | | | | | | | | | | | | | | | | | | | | 3267 |
| 3303 | | | | | | | | | | | | | | | | | | | | 3312 |
| 3357 | | | | | | | | | | | | | | | | | | | | 3375 |
| | GAT | GGT | TCC | TCT | GAC | GGY | TTC | TCC | AGA | GAG | ATG | AAG | GCT | GAT | GCC | GGC | ACA | GCC | | 3384 |
| | D | G | S | S | P | R | L | A | K | E | I | A | I | G | R | C | F | A | | 3393 |
| | | | | | | | | | | | | | | | | | | | | 3402 |
| | V | T | D | Q | S | P | R | F | S | R | E | M | K | A | D | A | G | T | A | |

FIGURE 11

| | | | | | |
|------|------|------|------|------|------|
| 3411 | 3420 | 3429 | 3438 | 3447 | 3456 |
| CTG | TAG | TCC | CCG | ACA | GCA |
| L | L | E | S | P | A |
| | | | | | |
| 3465 | 3474 | 3483 | 3492 | 3501 | 3510 |
| GCG | GCG | CAG | GCA | CAG | GCC |
| A | A | Q | A | Q | A |
| | | | | | |
| 3519 | 3528 | 3537 | 3546 | 3555 | 3564 |
| GTC | CGG | CAG | TGA | CCT | GGG |
| V | R | R | Q | Q | Q |
| | | | | | |
| 3573 | 3582 | 3591 | 3600 | 3609 | 3618 |
| TTC | ACC | CCA | GGA | AGT | TTT |
| V | R | R | Q | Q | Q |
| | | | | | |
| 3627 | 3636 | 3645 | 3654 | 3663 | 3672 |
| TGT | CTG | GGT | CCC | CTT | TCC |
| | | | | | |
| 3681 | 3690 | 3699 | 3708 | 3717 | 3726 |
| AGA | GCA | TCC | GAT | GGT | AGA |
| | | | | | |
| 3735 | 3744 | 3753 | 3762 | 3771 | 3780 |
| ATG | GAG | TTT | GGC | GTC | ACT |
| | | | | | |
| 3789 | 3798 | 3807 | 3816 | 3825 | 3834 |
| GCC | TGA | GAC | AGG | CCG | TAT |
| | | | | | |

FIGURE 11

TTT GAC CCT GAT TTC AAT CTT CTA CCC TTG GGA GTT CTC GCG TTT GGC ACA AAG

| | | | | | |
|---|------|------|------|------|------|
| 3843 | 3852 | 3861 | 3870 | 3879 | 3888 |
| TTT GAC CCT GAT TTC AAT CTT CTA CCC TTG GGA GTT CTC GCG TTT GGC ACA AAG | | | | | |
| 3897 | 3906 | 3915 | 3924 | 3933 | 3942 |
| TCC CCT CTG CCT GTT TGG AGC TCA GTG CTA GAC CAG GTC CCC TGC CCC GAG CTT | | | | | |
| 3951 | 3960 | 3969 | 3978 | 3987 | 3996 |
| TGT TTT TGG GGT TAT TTA TTG AAA CAA AGT GTG GGG AGC TGG TTG TGG GTG TGA | | | | | |
| 4005 | 4014 | 4023 | 4032 | 4041 | 4050 |
| GTC GGG GTG TGG GGT CCA GGC TGG GCC CAG TGA AAA GGA GGA AGG GGT TCC CAT | | | | | |
| V G V W G P G W A Q | | | | | |
| 4059 | 4068 | 4077 | 4086 | 4095 | 4104 |
| GGG GGG GAG GCT CTG GGG CTG AGG GGA ACA ATT CTC ACG TGT TTG GTG CTT AGA | | | | | |
| 4113 | 4122 | 4131 | 4140 | 4149 | 4158 |
| GAC CTG CCC GGG GCG TTG GGC AGG CCC TCC GGG GGC TGA ATT AAA AAT GCT TTA | | | | | |
| 4167 | 4176 | | | | |
| TTT CCA AAA AAA AAA AAA NAA A 3' | | | | | |

FIGURE 1K

1 **M A S** - - - **L L P L L C L C V V A A H L A G A R D A T P T E E P M A T A L G L** NTPPH-2
 1 **M V G T K A W V F S F L L V L** - **E V T S V L G** - - **R Q T M L T Q S V R R V Q P G K** NTPPH-1

37 **E R R S V Y T G Q P S P A L E D W E E A S E W T S W F N V D H P G G D G D F E S** NTPPH-2
 38 **K N P S I F A - K P A D T L E** - - **S P G E W T T W F N I D Y P G G K G D Y E R** NTPPH-1

77 **L A A I R F Y Y G P A R V C P R P L A L E A R T T D W A L P S A V G E R V H L N** NTPPH-2
 74 **L D A I R F Y Y G - D R V C A R P L R L E A R T T D W T P A G S T G Q V V H G S** NTPPH-1

117 **P T R G F W C L N R E Q P R G R R C S N Y H V R F R C P** - - - - **L E A S W** NTPPH-2
 113 **P R E G F W C L N R E Q P R P G Q N C S N Y T V R F L C P P G S L R R D T E R I W** NTPPH-1

150 **G A W G P W G P C S G S C G P** - **G R R L R R R H C P S P A G D A C P G R P L E A** NTPPH-2
 153 **S P W S P W S K C S A A C G Q T G V Q T R T R I C L A E M V S I L C S E A S E E G** NTPPH-1

189 **Q K C V R P R C P G C S L** - - - - **D T C E C C P D H I L L G S V V T** NTPPH-2
 193 **Q H C M G Q D C T A C D L T C P M G Q V N A D C D A C M C Q D F M L H G A V S L** NTPPH-1

218 **P S G O P L L G A R V S L R D Q** - **P G T V A T S D A H G T F R V P G V C A D S R** NTPPH-2
 233 **P G G A P A S G A A I Y L L T K T P K L L T Q T D S D G R F R I P G L C P D G K** NTPPH-1

257 **A N I R A Q M D G F S A** - **G E A Q A Q A N G S I S V V T I I L D K L E K P Y L V** NTPPH-2
 273 **S I L K I T K V K F A P I V L T M P K T S L K A A T I K A E F V R A E T P Y M V** NTPPH-1

296 **K H P E S R V R E A G Q N V T F C C K A S G T P M P K K Y S W E H N G T L L D R** NTPPH-2
 313 **M N P E T K A R R A G Q S V S L C C K A T G K P R P D K Y F W Y H N D T L L D P** NTPPH-1

336 **R A H G Y G A H L E L R G L R P D Q A G I Y H C K A W N E A G A V R S G T A R L** NTPPH-2
 353 **S L Y K H E S K L V L R K L Q Q H Q A G E Y F C K A Q S D A G A V K S K V A Q L** NTPPH-1

FIGURE 2A

“*It is a good thing to be a good man, but it is a better thing to be a good woman.*”

| | | |
|-----|---|---------|
| 376 | T V L A P G O P A C D P R P R E Y L I K L P E D C G Q P G S G P A Y L D V G L C | NTPPH-2 |
| 393 | I V I A S D E T P C N P V P E S Y L I R L P H D C F Q N A T N S F Y D V G R C | NTPPH-1 |
| 416 | P D T R C P S L A G S S P R C G D A S S R C C S V R R L E R R E I H C P G Y V L | NTPPH-2 |
| 433 | P V K T C A G Q Q D N G I R C R D A V Q N C C G I S K T E E R E I Q C S G Y T L | NTPPH-1 |
| 456 | P V K V V A E C G C Q K C L P P R G L V R G R V V A A D S G E P L R F A R I L L | NTPPH-2 |
| 473 | P T K V A K E C S C O R C T E T R S I V R G R V S A A D N G E P M R F G H V Y M | NTPPH-1 |
| 496 | G O E P I G F T A Y Q G D F T I E V P P S T O R L V V T F V D P S G E F M D A V | NTPPH-2 |
| 513 | G N S R V S M T G Y K G T F T L H V P Q D T E R L V L T F V D R L Q K F V N T T | NTPPH-1 |
| 536 | R V L P F D P R G A G V Y H E V K A M R K K A P V I L H T S Q S N T I P L G E L | NTPPH-2 |
| 553 | K V L P F N K K G S A V F H E T K M L C R K E P I T L E A M E T N I P L G E V | NTPPH-1 |
| 576 | E D E A P L G E L V L P S G A F R R A D G K P Y S G P V E A R V T F V D P R D L | NTPPH-2 |
| 593 | V G E D P M A E L E T P S F Y R Q N G E P Y T G K V K A S V T F L D P R N I | NTPPH-1 |
| 616 | T S A A S A P S D L R F V D S D G E I L A P L R T Y G M F S V D L R A P G S A E Q | NTPPH-2 |
| 633 | S T A T A A Q T D L N F I N D E G D T F P L R T Y G M F S V D F R D E V T S E P | NTPPH-1 |
| 656 | L O V G P V A V R V A A S Q I H M P G H V E A L K L W S L N P E T G L W E E E S | NTPPH-2 |
| 673 | L N A G K V K V H L D S T Q V K M P E H I S T V K L W S L N P D T G L W E E E G | NTPPH-1 |
| 696 | G F R R E G S S G P R V R R E E R V F L V G N V E I R E R R L F N L D V P E R R | NTPPH-2 |
| 713 | D F K F E - - N Q R R N K R E D R T F L V G N L E I R E R R L F N L D V P E S R | NTPPH-1 |
| 736 | R C F V K V R A Y A N D K F T P S E Q V E G V V V T L V N L E P A P G F S A N P | NTPPH-2 |
| 751 | R C F V K V R A Y R S E R E L P S E Q I Q G V V I S V I | NTPPH-1 |

FIGURE 2B

| | | |
|------|---|---------|
| 776 | R A W G R F D S A V T G P N G A C L P A F C D A D R P D A Y T A L V T A T L G G | NTPPH-2 |
| 791 | R A W G R F D S V I T G P N G A C V P A F C D D Q S P D A Y S A Y V L A S L A G | NTPPH-1 |
| 816 | E E L E P A P S L P R P L P A T V G V T Q P Y L D R L G Y R R T D H D D P A F K | NTPPH-4 |
| 831 | E E L Q A V E S S P K F N P N A T G V P Q P Y L N Y R R T D H E D P R V K | NTPPH-1 |
| 856 | R N G F R I N L A K P R P G D P A E A N G P V Y P W R S L R E C O G A P V T A S | NTPPH-2 |
| 871 | K T A E Q I S M A K P R P N S A E E S N G P T Y A F E N L R A C E E A P P S A A | NTPPH-1 |
| 896 | H F R F A R V E A D K Y E Y N V V P F R E G T P A S W T G D L L A W W P N P Q E | NTPPH-2 |
| 911 | H F R F Y Q I T E G D R Y D Y N T V P F N E D D P M S W T E D Y L A W W P K P M E | NTPPH-1 |
| 936 | F R A C F L K V K I Q G P Q E Y M V R S H N A G G S H P R T R G Q L Y G L R D A | NTPPH-2 |
| 951 | F R A C Y T K V K I V G P L E V N V R S R N M G G T H R R T V G K L Y G I R D V | NTPPH-1 |
| 976 | R S V R D P E R P G T S A A C V E F K C S G M L F D Q R Q V D R T L V T I M P Q | NTPPH-2 |
| 991 | R S T R D Q P N V S A A C L E F K C S G M L Y D Q D R V D R T L V K V I P Q | NTPPH-1 |
| 1016 | G S C R R V A V N G L L R D Y L T R H P P P V P A E D P A A F S M L A P L D P L | NTPPH-2 |
| 1031 | G S C R R A S V N P M L H E Y L V N H L P L A V N N D T S E Y T M L A P L D P L | NTPPH-1 |
| 1056 | G H N Y G V Y T V T D Q S P R L A K E I A I G R C F D G S S D G F S R E M K A D | NTPPH-2 |
| 1071 | G H N Y G I Y T V T D Q D P R T A K E I A I G R C F D G T S D G S S R T M K S N | NTPPH-1 |
| 1096 | A G T A V T F O C R E P P A G R P S L F Q R L L E S P A - - T A L G D I R - - | NTPPH-2 |
| 1111 | V G V A L T F N C V E R Q V G R Q S A F Q Y L Q S T P A Q S P A A G T V Q G R V | NTPPH-1 |
| 1131 | - - R E M S E A A Q A Q A R A S G P L - - - - - | NTPPH-2 |
| 1151 | P S N R Q Q R A S R G G Q R Q S G V V A S L R F P R V A Q Q P L I N | NTPPH-1 |

FIGURE 2C

1156
925
694
463
232
1

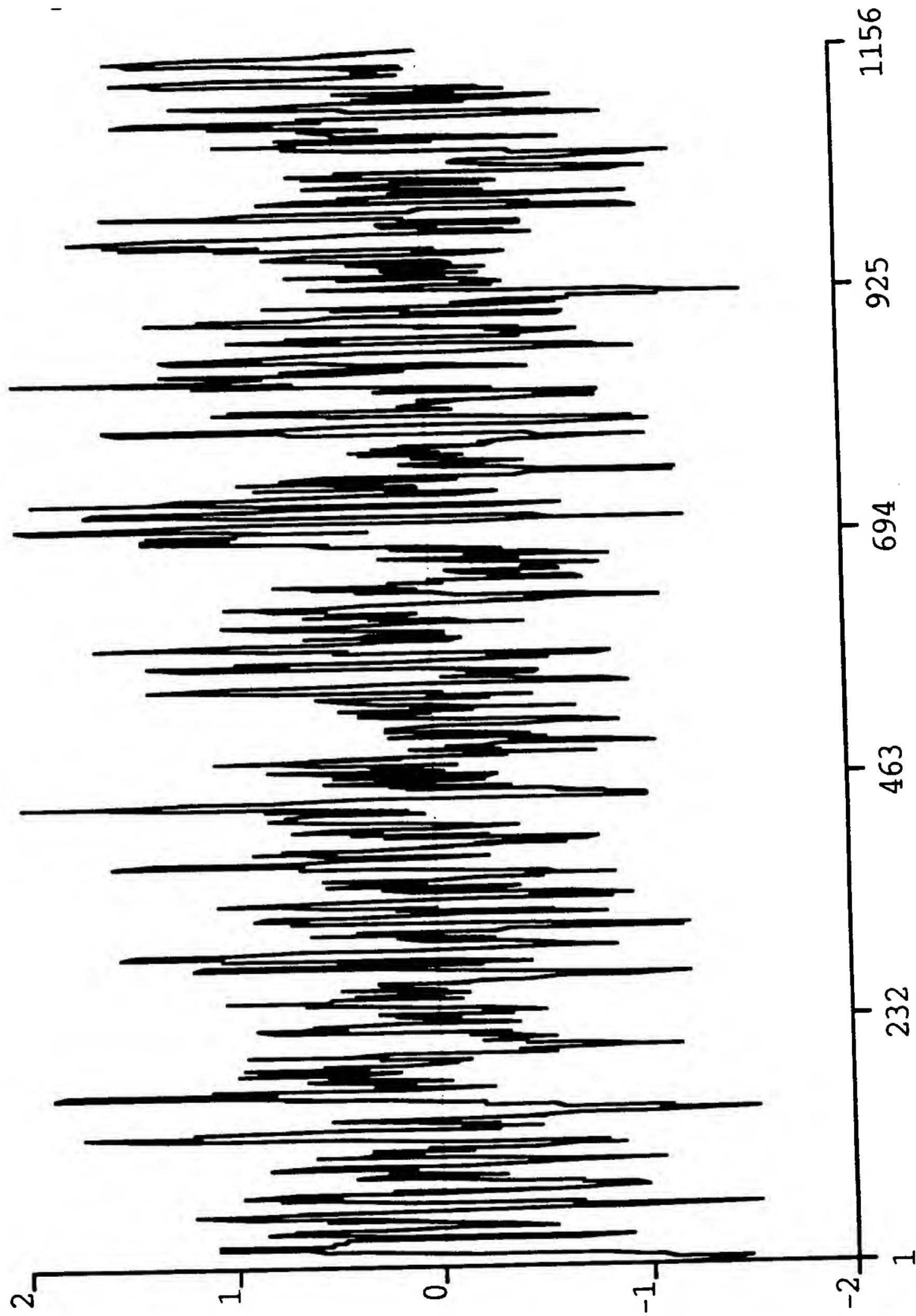


FIGURE 3A

1184
945
709
473
237

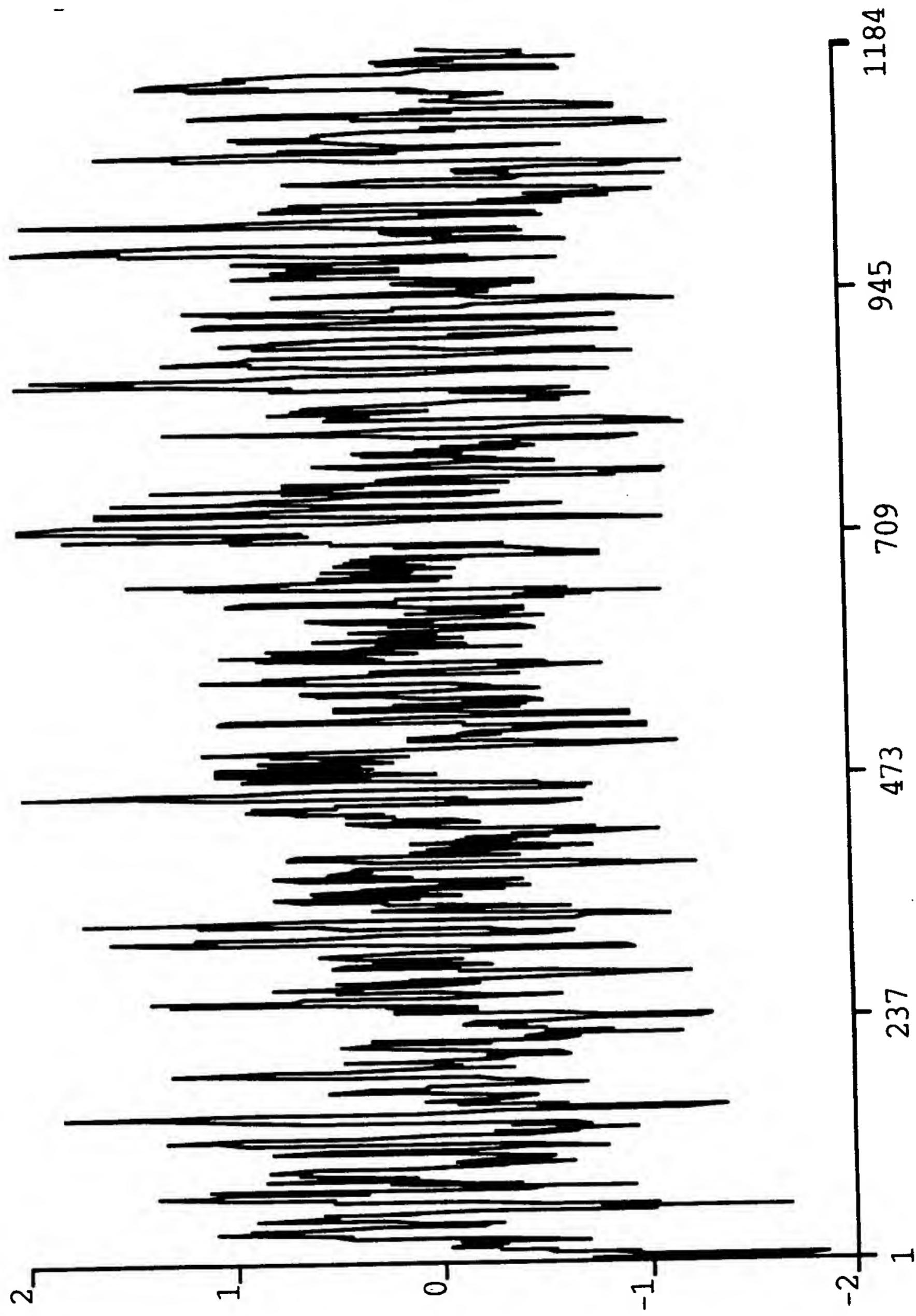


FIGURE 3B